

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference FP18655	FOR FURTHER ACTION	see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.		
International application No. PCT/AU2003/001496	International filing date (a 13 November 2003	, , , , , , , , , , , , , , , , , , ,		
Applicant COMMONWEALTH SCIENT	TIFIC AND INDUSTR	UAL RESEARCH	ORGANISATION et al	
		•		
This international search report has been preparaticle 18. A copy is being transmitted to the	international Bureau.	earching Authority and	d is transmitted to the applicant according to	
This international search report consists of a to	•			
It is also accompanied by a copy	of each prior art document	t cited in this report.		
Then it was filed, unless offici w	vise mateated under this iter	m.	of the international application in the language in	
the international search wa (Rule 23.1(b)).	is carried out on the basis o	f a translation of the ir	nternational application furnished to this Authority	
b. With regard to any nucleotide are carried out on the basis of the sec	quence usung:		national application, the international search was	
contained in the internation	nal application in written fo	orm.		
	rnational application in con			
furnished subsequently to t	this Authority in written for	rm.		
<u></u>	this Authority in computer r		•	
application as filed has bee	n turnisnea.		not go beyond the disclosure in the international	
the statement that the information furnished	mation recorded in compute	er readable form is ide	entical to the written sequence listing has been	
2. Certain claims were found unse	earchable (See Box I).			
3. X Unity of invention is lacking (Se	ee Box II).		·	
4. With regard to the title,	the text is approved as subr	mitted by the applican	ıt.	
	the text has been establishe	ed by this Authority to	read as follows:	
5. With regard to the abstract, X	the text is approved as subr	mitted by the applican	t	
	submit comments to this A	one month from the da uthority.	38.2(b), by this Authority as it appears in Box III. ate of mailing of this international search report,	
6. The figure of the drawings to be publis	shed with the abstract is Fig	gure No. 1		
X	as suggested by the applica	ınt.	None of the figures	
	because the applicant failed	d to suggest a figure		
	because this figure better cl	haracterizes the invent	ion	



International application No.

PCT/AU2003/001496

Box I	Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This interest	ernational search report has not been established in respect of certain claims under Article 17(2)(a) for the following
1.	Claims Nos:
	because they relate to subject matter not required to be searched by this Authority, namely:
2.	Claims Nos:
	because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3.	Claims Nos:
	because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a)
Box II	Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This Inte	mational Searching Authority found multiple inventions in this international application, as follows:
See I	Extra Sheet
1.	As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims
2.	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.	As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
•	
4.	No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:1-36 and 38
Domonic	on Breatest
	on Protest
	No protest accompanied the payment of additional search fees.



International application No.

PCT/AU2003/001496

	·			TC1/AU2003	7001490	
A.	CLASSIFICATION OF SUBJECT M	1ATTER				
Int. Cl. 7:	D06B 7/02, D06M 11/40					
According to	International Patent Classification (IPC)	or to botl	national classification and IPC	•		
<b>B.</b> .	FIELDS SEARCHED					
Minimum docu	mentation searched (classification system fo	llowed by	classification symbols)			
Documentation	a searched other than minimum documentation	- 4- 4b				
					hed	
Electronic data DWPI: D061	base consulted during the international search B 7/02, D06M and keywords: mercer	ch (name o	data base and, where practicable, se	arch terms used)		
	DOCUMENTS CONSIDERED TO BE R					
	TO BE R	ELEVAN	·			
Category*	Citation of document, with indication,	where ap	propriate, of the relevant passages		Relevant to claim No.	
· <b>X</b>	GB 2236770 A (LEUNG SUI KI) Whole document	17 April	1991			
Λ	whole document				1-5, 21, 22, 38	
	GB 2125836 A (TOYO BOSEKI)	14 Marc	n 1984			
A	Page 2 lines 102-106				0	
	Patent Abstracts of Japan					
Α	JP 08-035164 A (TOSUKO KK) 6	Februar	y 1996			
F	urther documents are listed in the co	ntinuatio	n of Box C X See pa	tent family anne	ex	
* Special "A" Docume	categories of cited documents: ent defining the general state of the art	naru 1				
which is	s not considered to be of particular	a	ater document published after the into and not in conflict with the application	emational filing da n but cited to under	te or priority date	
relevance "E" Earlier a	application or patent but published on or	"X" c	or theory underlying the invention locument of particular relevance; the	claimed invention	cannot be	
	the international filing date considered novel or cannot be considered to involve an inventive step when the document is taken alone					
"L" Docume	ent which may throw doubts on priority	"Y" (	ocument of particular relevance; the	claimed invention	cannot be	
publicat	aim(s) or which is cited to establish the considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to					
	(as specified)  a person skilled in the art  document referring to an oral disclosure, use,  "&"  document member of the same patent family					
exhibitio	on or other means ent published prior to the international	~ (	ovalishe member of the same patent	ıanıny	•	
- 20041110	te but later than the priority date claimed			•		
	al completion of the international search		Date of mailing of the internation			
25 November			9 JAN	ZUU4		
	ng address of the ISA/AU PATENT OFFICE		Authorized officer			
PO BOX 200, W	VODEN ACT 2606, AUSTRALIA		M DDEMERS		-	
E-mail address: Facsimile No. (	pct@ipaustralia.gov.au 02) 6285 3929		M. BREMERS	2		
		<del></del>	Telephone No : (02) 6283 205	4		



International application No.

PCT/AU2003/001496

Supplemental Box

(To be used when the space in any of Boxes I to VIII is not sufficient)

Continuation of Box No: II

The international application does not comply with the requirements of unity of invention because it does not relate to one invention or to a group of inventions so linked as to form a single general inventive concept. In coming to this conclusion the International Searching Authority has found that there are different inventions as follows:

- 1. Claims 1-36 are directed to a process and apparatus for the mercerisation of unconstrained cellulosic fibres wherein the fibres are held to prevent shrinkage during transport through the mercerising and rinsing zones. It is considered that the prevention of shrinkage of <u>unconstrained</u> fibres during mercerisation comprises a first "special technical feature".
- 2. Claim 37 is directed to an apparatus for the prevention of shrinkage of fibres during a treatment. It is considered that the conveyor for holding the fibres comprises a second "special technical feature".

These groups are not so linked as to form a single general inventive concept, that is, they do not have any common inventive features, which define a contribution over the prior art. The common concept linking together these groups of claims is the prevention of fibre shrinkage during a treatment. However this concept is not novel in the light of the prior art described at page 1 lines 33-36 of the present application and GB 2236770 A (LEUNG SUI KI) 17 April 1991, see the abstract. Therefore these claims lack unity a posteriori.

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				
GB	2236770	NONE		
GB	2125836	NONE		
JP	8035164	NONE		